PALLADIUM 2870P

MODEL

SERVICE MANUAL

Spare parts list
Ersatzteilliste

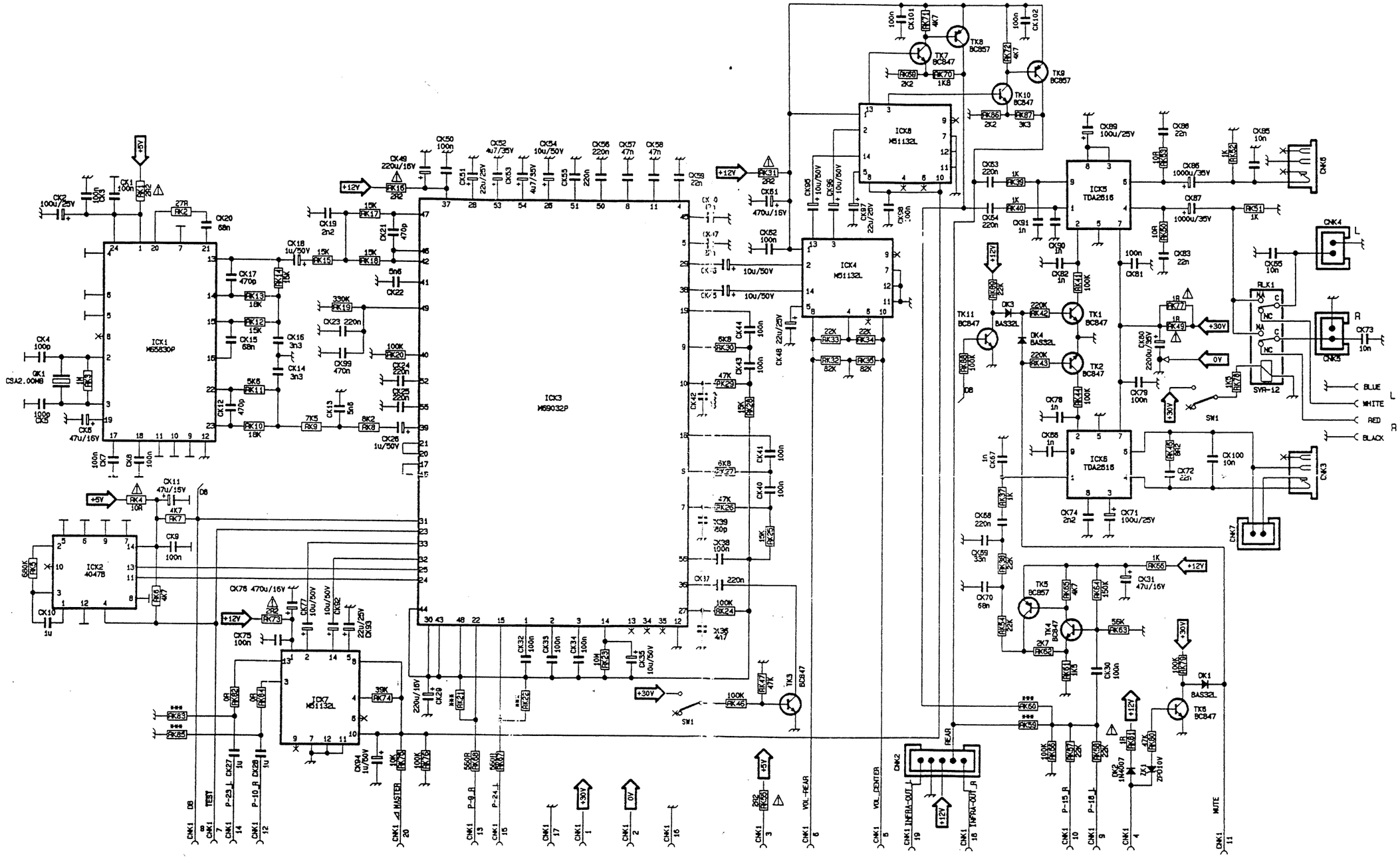
Chassis 7000
DOLBY PRO LOGIC

Ref./Pos.	Part No. ET-Nr.	Description	Bezeichnung	
	S000807009	**Dolby Pro Logic PCB cpl.**	Dolby Pro Logic Modul cpl.	
	S061961959	Zener diode 10V	Z-Diode 10V	
	S063126169	I.C. TDA2616	IC TDA2616	
	S063363009	I.C. M51132L	IC M51132L	
	S063363309	I.C. M65830BP	IC M65830BP	
	S063363509	I.C. M69032P	IC M69032P	
	S063540479	I.C. HEF4047BT	IC HEF4047BT	
	S067330309	Ceramic resonator CSA 2.00 MG	Keramikresonator CSA 2.00 MG	
	S068070909	Relay SVR 12	Relais SVR 12	
	S068500309	Switch SK 22F01G9	Schalter SK 22F01G9	
	S071013409	External speaker connector	Buchse externer Lautsprecher	

Service Manual

Chassis 7000

Dolby Pro Logic



ORION Chassis 7000

SIZE	DIS. Nr.	DOCUMENTO	REV.
B		DOLBY PRO LOGIC DECODER	
SCALA	DATA 2/6/1996	SHEET	

Spare parts list
Ersatzteilliste

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	S063363509	I.C. M69032P	IC M69032P	
	S063540479	I.C. HEF4047BT	IC HEF4047BT	
	S067330309	Ceramic resonator CSA 2.00 MG	Keramikresonator CSA 2.00 MG	
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	S068500309	Switch SK 22F01G9	Schalter SK 22F01G9	
	S071013409	External speaker connector	Buchse externer Lautsprecher	

Zentralwerkstatt und
Ersatzteildepot
für ORION-Produkte

Schwalbe
Service & Versand GmbH

Postfach 10 10 26
63264 Dreieich
Max-Planck-Str. 20
63303 Dreieich

Technische Auskunft (tägl. 9-12 Uhr):
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☎ TV/Audio: (06103) 39 99-66
☎ Fax: (06103) 39 99-88/63

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Service Manual

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ORION

Chassis 7000

Dolby Pro Logic

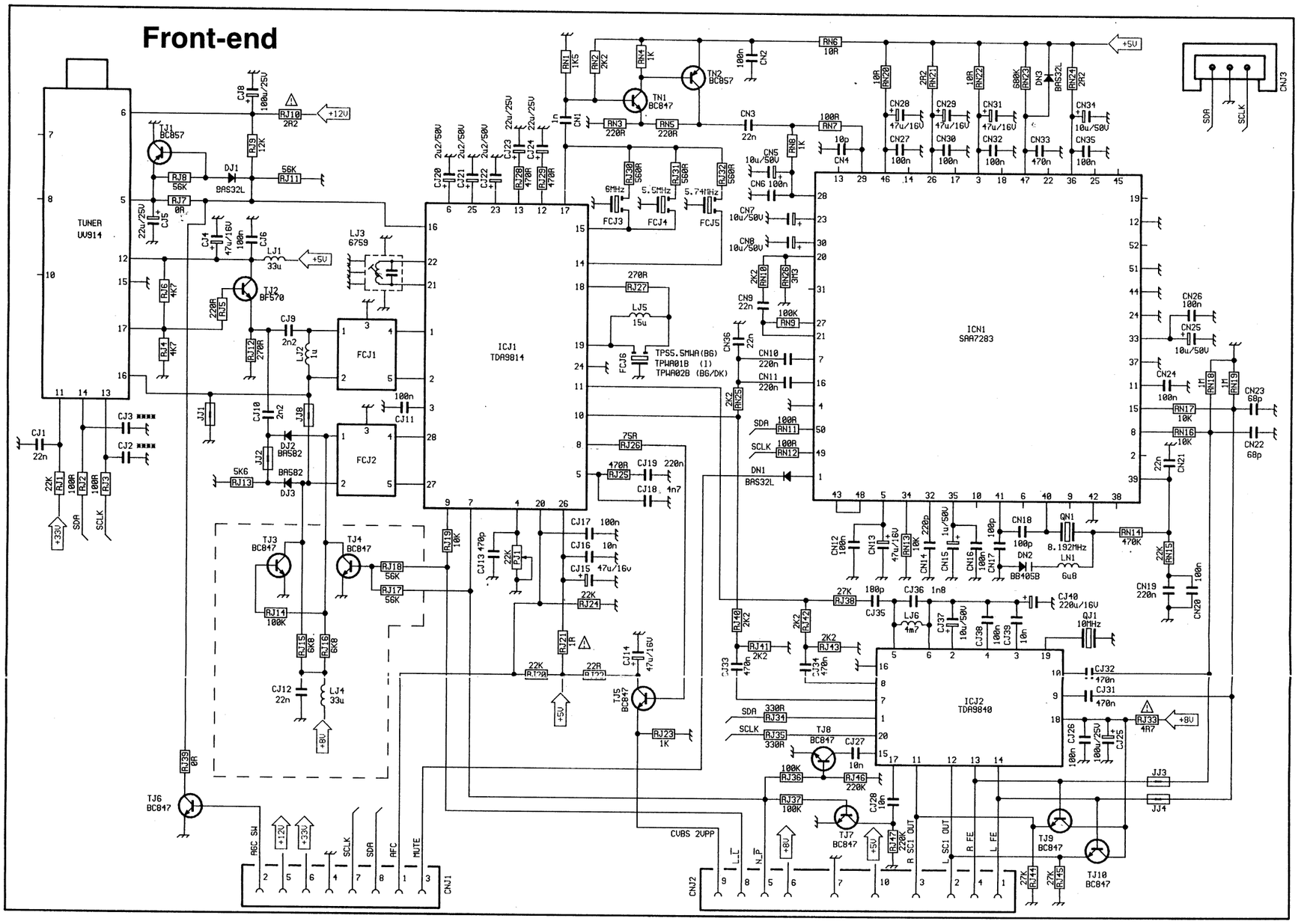
Ergänzung zum Manual Best. Nr. 5911

Bestell-Nr.:
6571

ORION Chassis 7000

SIZE	DIS. Nr.	DOCUMENTO	REV.
B		DOLBY PRO LOGIC DECODER	
SCALA	DATA 2/6/1996	SHEET	

Front-end



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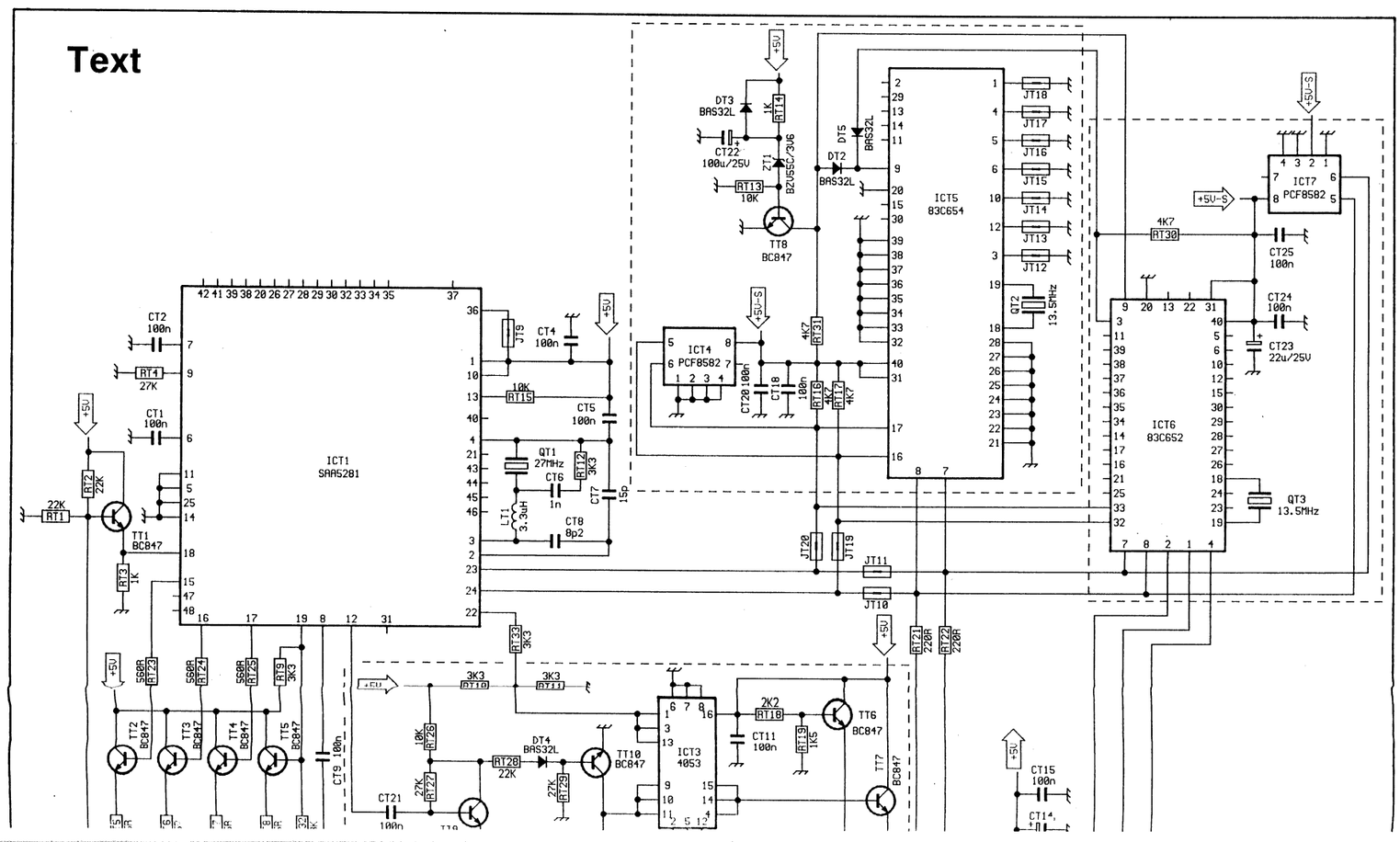

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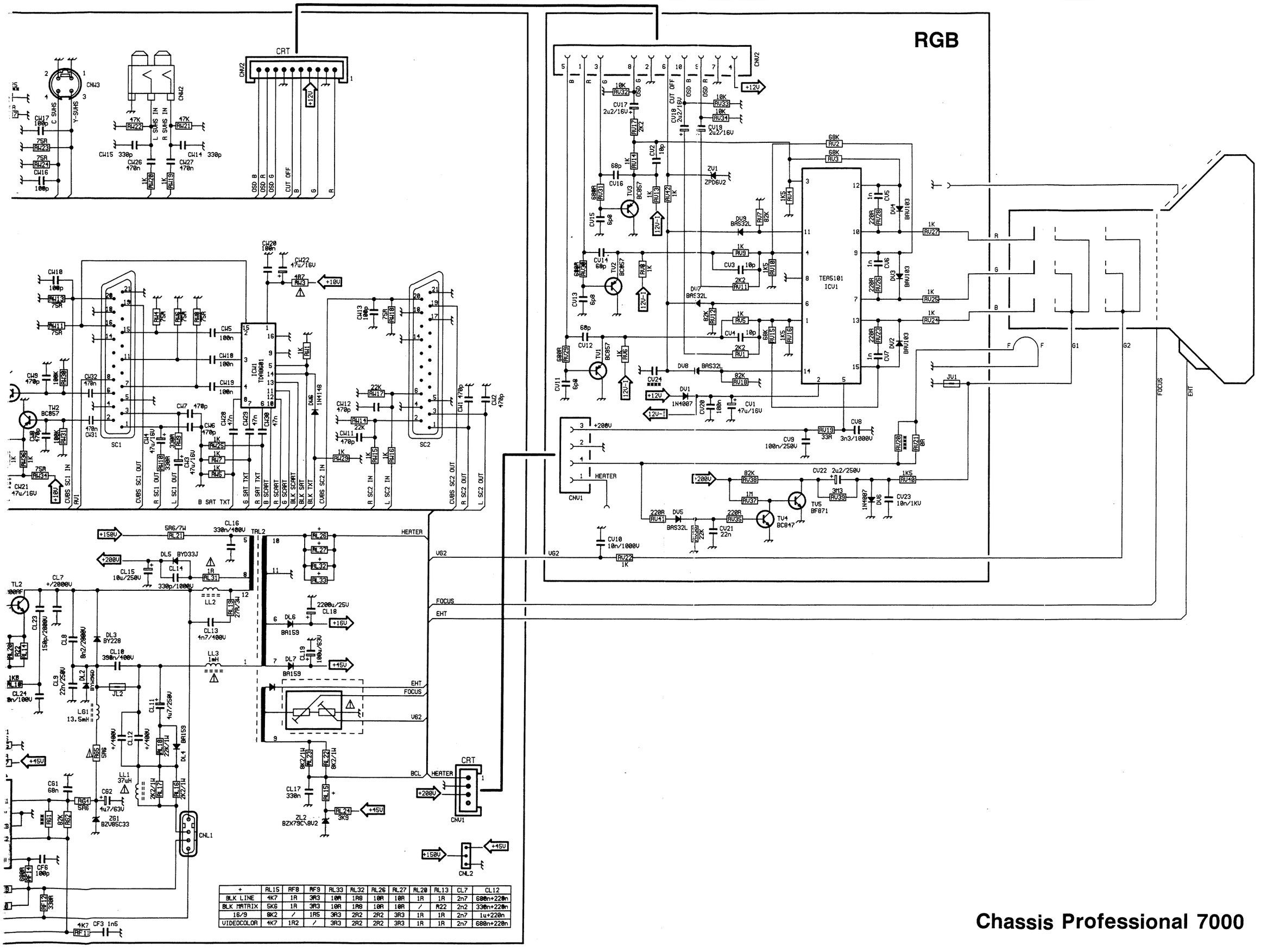


Chassis Professional 7000

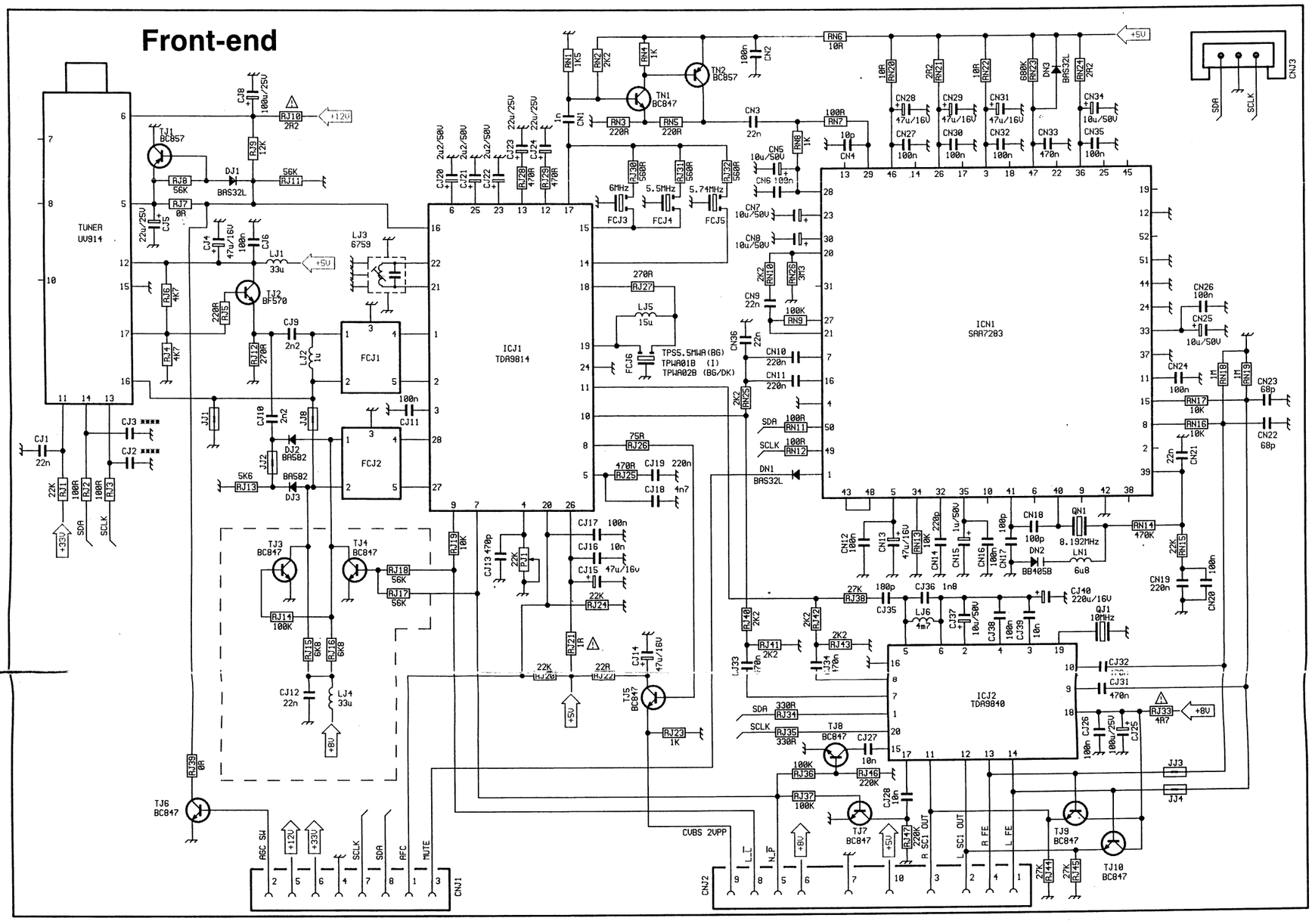
+	RL15	RF8	RF9	RL33	RL32	RL26	RL27	RL20	RL13	CL7	CL12
BLK LINE	4K7	1R	3R3	10R	1R8	10R	10R	1R	1R	2n7	680n+220n
BLK MATRIX	5K6	1R	3R3	10R	1R8	10R	10R	/	R22	2n2	330n+220n
16/9	8K2	/	1R5	3R3	2R2	2R2	3R3	1R	1R	2n7	1u+220n
VIDEOCOLOR	4K7	1R2	/	3R3	2R2	2R2	3R3	1R	1R	2n7	680n+220n

SAT
CNJ2
BLK SAT
BLK TXT
B SAT TXT
G SAT TXT
R SAT TXT
OSD R
OSD G
OSD B
+12V
BLK OSD SAT
+5V-S
BLK OSD UP
SAT ON
TR
TITLE CVBS
V GUARD
ICC2
TDA8376
ICC5 SAA4981
ICC3
TDA8395
ICC4
TDA4665T
ICC6
TDA4566
CTRL 1
CTRL 2
CTRL 3
COMPR
CNC3
+8L
TC5 BC847
TC6 BC847
TC7 BC847
ZC1 BZV55C/3V6
TC8 BC847
TC9 BC847
FRONT CINCH
CNW3
CNW4
CRT
CNJ2
OSD B
OSD R
OSD G
CUT OFF
L SC1 OUT
R SC1 OUT
R SC1 IN
CVBS CINCH
L SC1 IN
R CINCH IN
L CINCH IN
C SVHS
Y-SVHS
L SVHS IN
R SVHS IN
ICW1
TDA8501
SC1
SC2
TW1 BC857
TW2 BC857
BLK P1P
DW4 BLK OSD SAT 2xBAS32L
DW3 BLK OSD UP
CVBS SC1 IN
CVBS SC1 OUT
R SC1 OUT
L SC1 OUT
B SAT TXT
G SAT TXT
R SAT TXT
B SCART
R SCART
G SCART
BLK SCART
BLK SAT
BLK TXT
CVBS SC2 IN
CVBS SC2 OUT
R SC2 IN
L SC2 IN
R SC2 OUT
L SC2 OUT
SYS BYPASS
SCLK
SDA
DB
TEST
SPECIAL
MUTE
REAR
CENTER
AUDIO
CNK1
ICS2
TDA9860
ICS4
TDA2616
ICS5
TDA7050T
INFRA OUT L
INFRA OUT R
TS1 BC847
TS2 BC847
CNS1
CNS2
CNS3
PLSL
PLSR
L FE
R FE
ICL1
TDA8140
H DRV
H SYNC
H FLY
PAUSE
V GUARD
V SYNC
EW DRV
ICF1
TDA8350
CNL1
TL1 BC847
TL2 S2000AF
TL3 BC847
TF1 BC847
TF2 BC857
ZL1 ZPD6V8
ZL2 BZX79C\8V2
ZL3 ZPD5V1
ZF1 ZPD5
DF1 1N4148
DF2 1N4007
DF3 BAS32L
DF4 BAS32L
DF5 BAS32L
DL2 BY458D
DL3 BY228
DL4 BA159
DL5 BYD33J
DL6 BA159
DL7 BA159
DW6 1N4148
LG1 13,5mH
LL1 37uH
LL2
LL3 1mH
JL2
TRL2
HEATER
VG2
FOCUS
EHT
BCL
CRT
CNV1
CNL2
+150V
+200V
+10V
+8V
+5V
+30V
0V
+12V
+5V-I

+	RL15	RF8	RF9	RL33	RL32	RL26	RL27	RL28	RL13	CL7	CL9
BLK LINE	4K7	1R	3R3	10R	1R8	10R	10R	1R	1R	2n7	680n+2n2
BLK MATRIX	5K6	1R	3R3	10R	1R8	10R	10R	/	R22	2n2	330n+2n2
16/9	8K2	/	1R5	3R3	2R2	2R2	3R3	1R	1R	2n7	1u+2n2
VIDEOCOLOR	4K7	1R2	/	3R3	2R2	2R2	3R3	1R	1R	2n7	680n+2n2

PIP
PIP
TEXT
FRONT END
FRONT END
SAT
SAT
ICR2 uP83C855
ICC1 TEA6415B
ICC2 TDA8376
TR5 BC847
TR1 BC847
TR4 BC847
TR2 BC847
TC1 BC847
TC2 BC847
TC3 BC847
TC4 BC847
ICR1 PCF8581
ZR1 ZPD5V1
ZR2 BZV55C/3V6
ZR3 BZV55C/3V6
DR2 BAS32L
DR6 BAS32L
DA7 BAS32L
QR1 12MHz
LR1 15u
DC1 BAS32L
DC2 2x8Z087/1V4
DC3 BAS32L
QC1 3M58
QC2 4M13
TC8 BC847
DP1 BA159
DP2 1N4148
DP10 BA159
DP11 BYW95B
DP12 BYW29
DP14 BYD33J
DP15 BYW29
DP16 BYW95C
TP1 BC547B
TP2 BC547B
TP3 S2000HF1
TP4 BC547B
TP5 BC847
TP6 BD436
ZP1 BZX79C/33
ZP2 ZPD3V6
ZP3 ZPD6V2
ZP4 ZPD6V2
ICP1 TEA2261
ICP3 L7808
ICP4 TDA8138
ICS1 TEA6422
ICS2 TDA9860
ICS3 TDA7050T
ICS5 TDA7050T
DS1 BAS32L
DS2 BAS32L
DS3 BAS32L
DS4 BAS32L
CNR1
CNR2
CNP1
CNP2
CNP3
CNP4
CNP5 SAT ONLY
CNM1
CNM2
CNM3
CNM4
CNS1
JC1
JC2
JC6
JP1
JP2
JP3
JP4
JS1
JS2
PTC1
LP1
LP2
FP1 T2.5AH
FRAP1
FRAP2
NTC1 4R7
DEGAUSSING COIL
ENTMAGNETISIERUNGSSPULE
SMAGNETIZZATORE
220V-240V 50Hz
Power

Front-end



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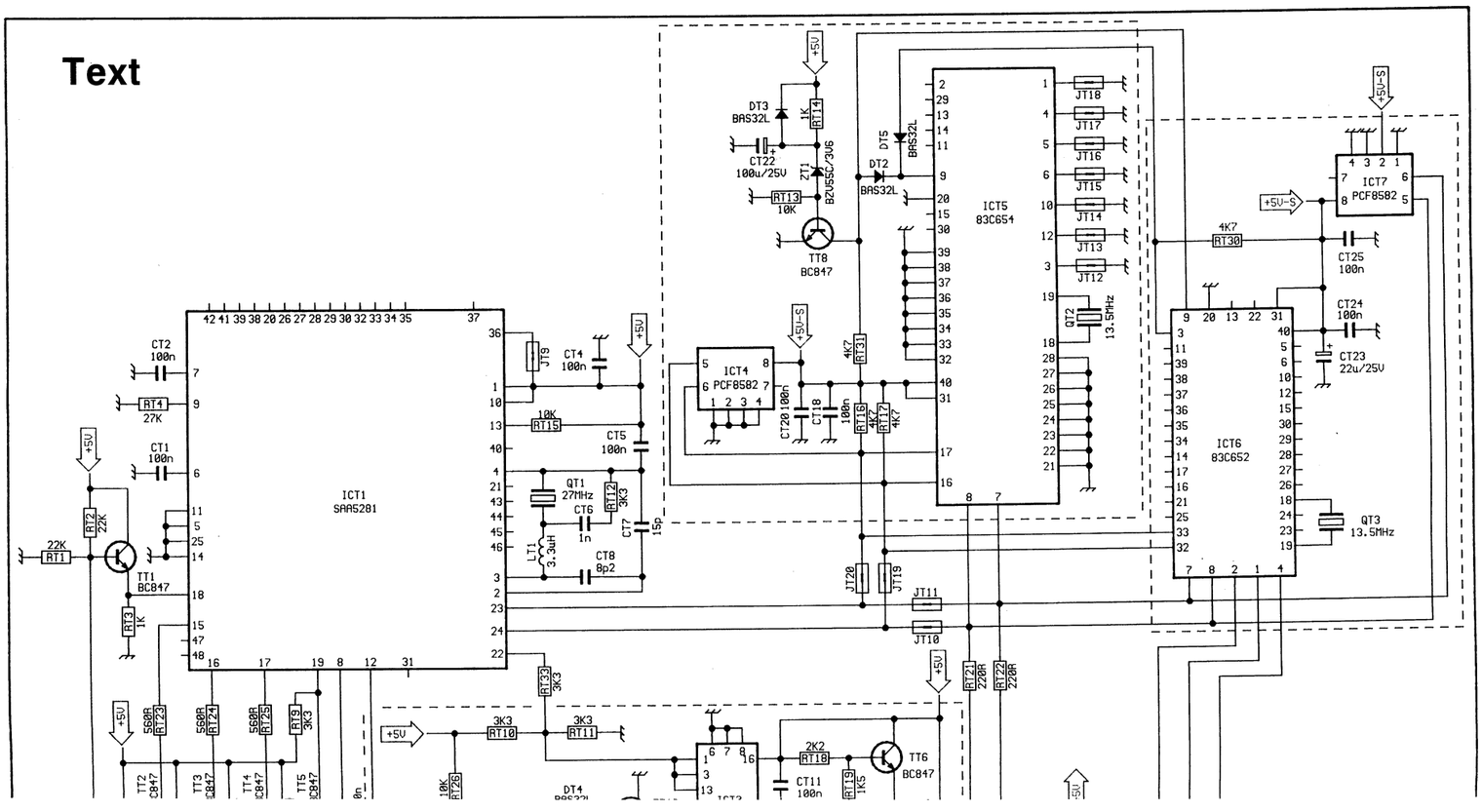
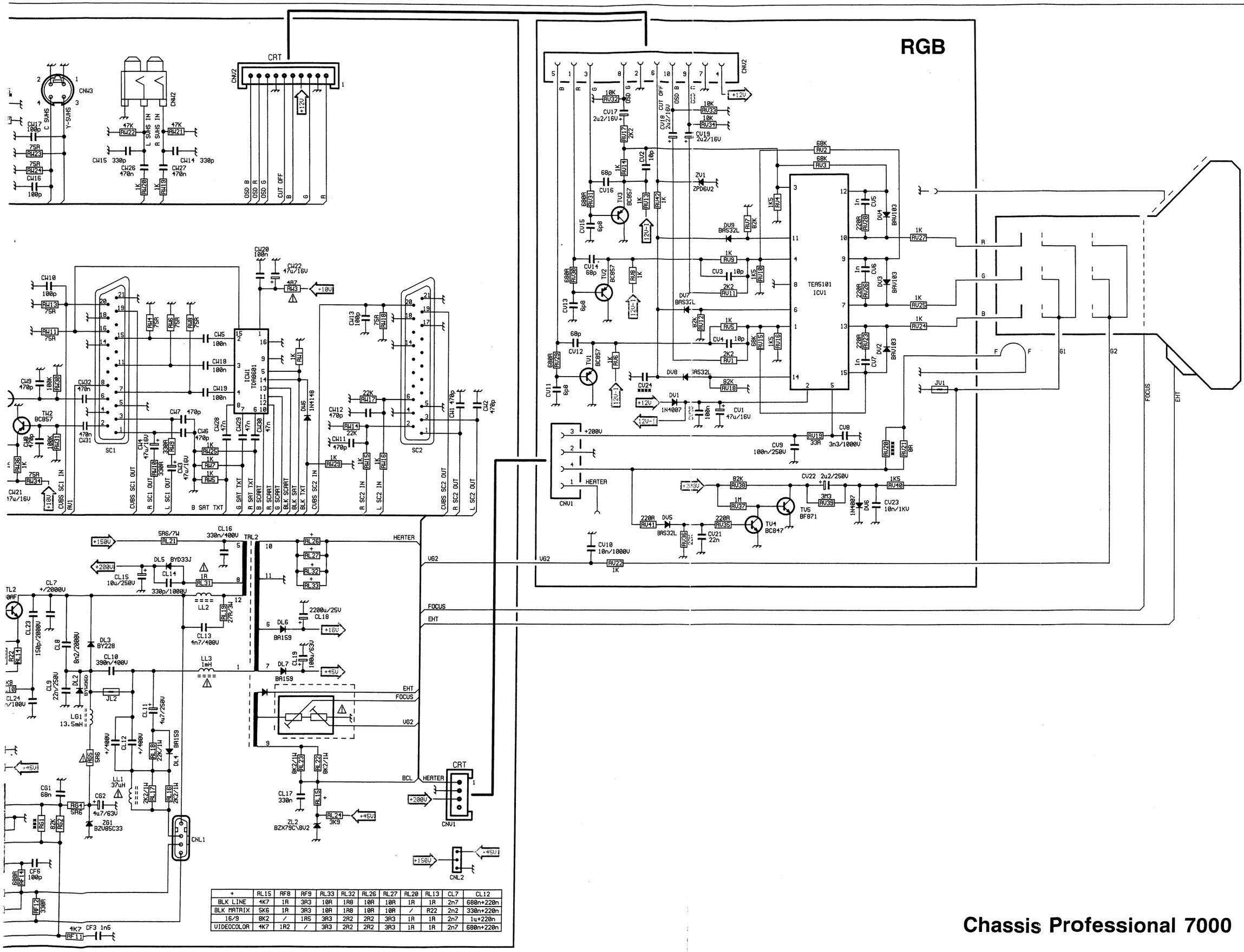


RGB



+	RL15	RF8	RF9	RL33	RL32	RL26	RL27	RL20	RL13	CL7	CL12
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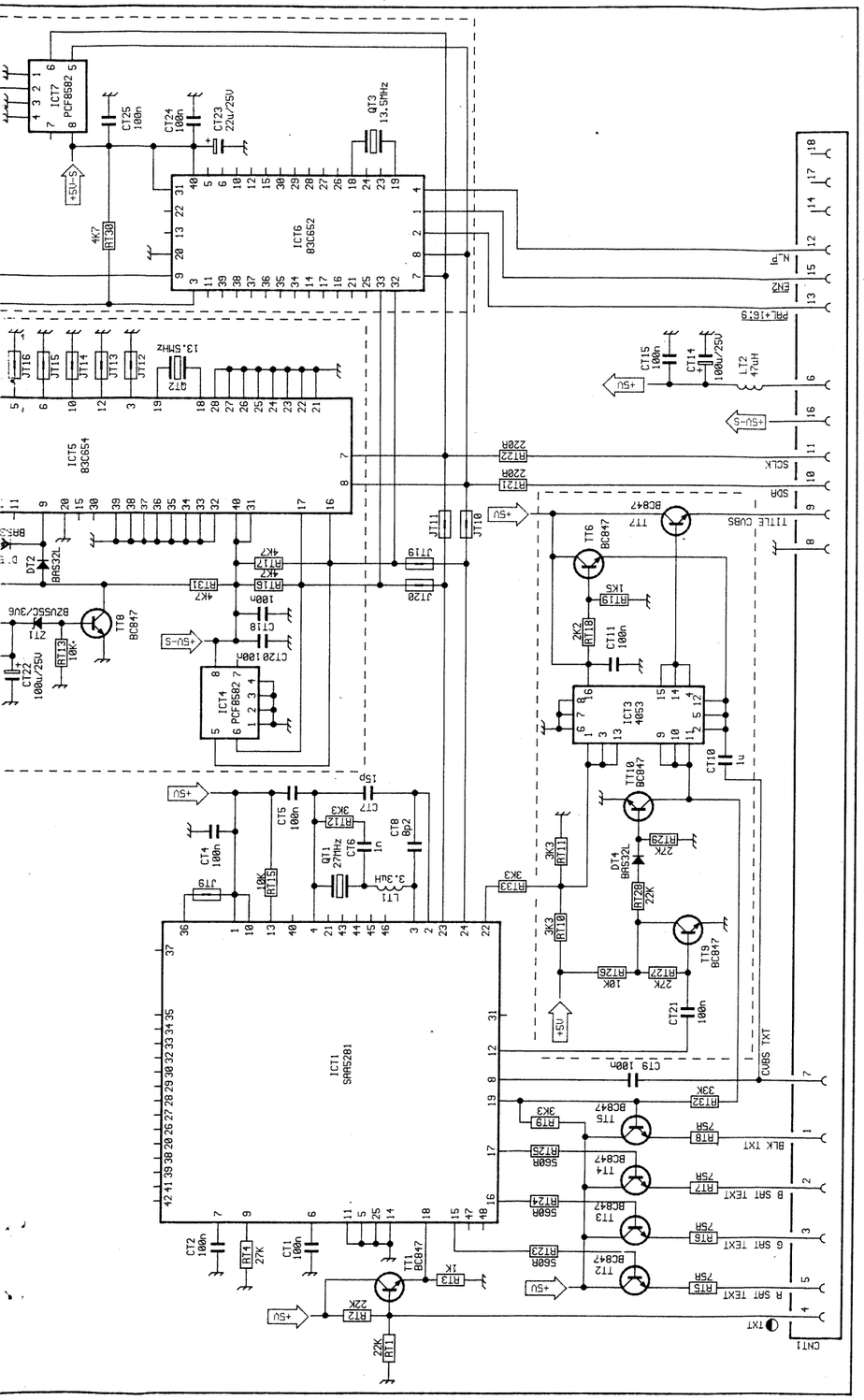
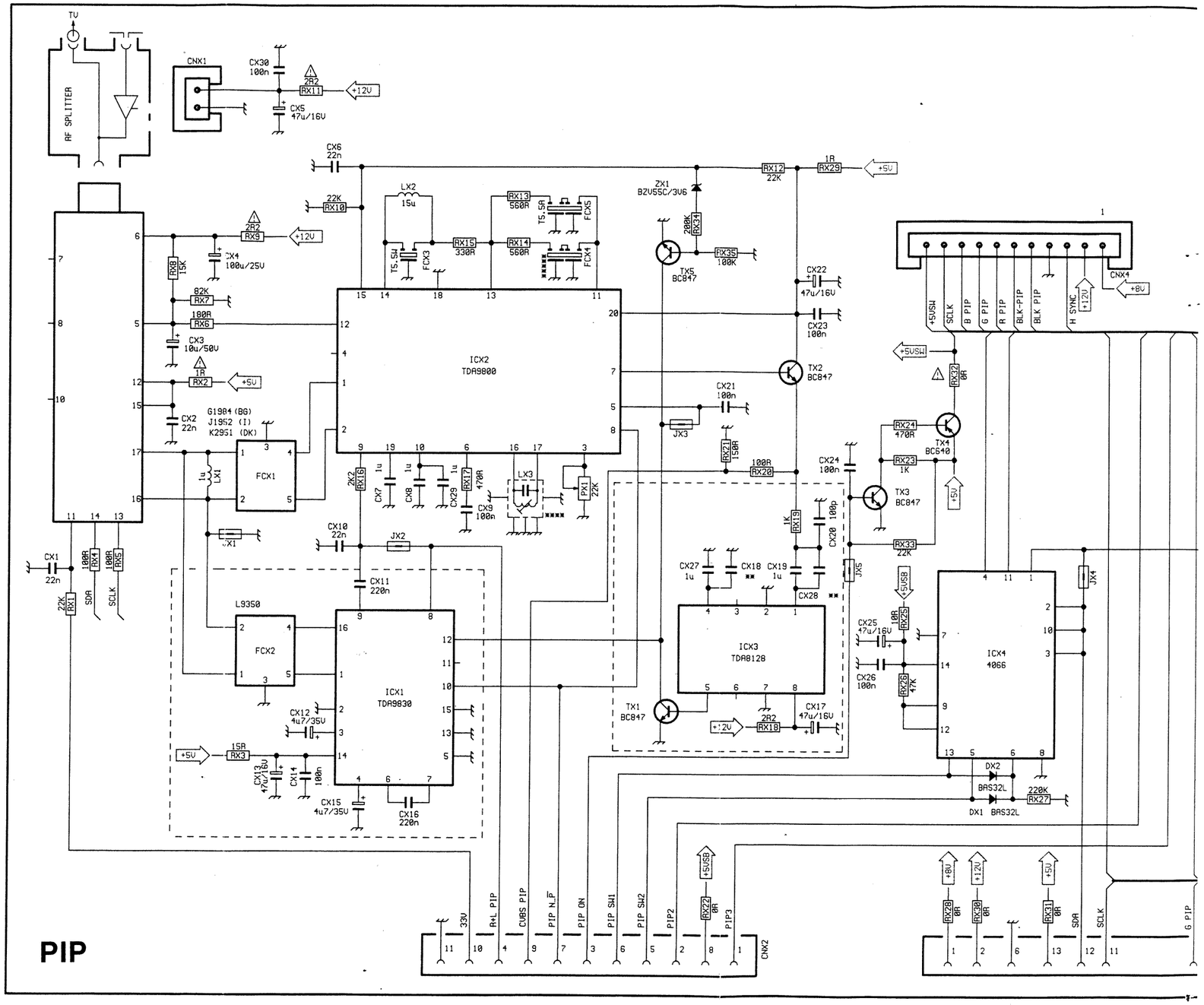
BLK MATRIX	5K6	1R	3R3	10R	1R8	10R	10R	/	R22	2n2	330n+220n
16/9	8K2	/	1R5	3R3	2R2	2R2	3R3	1R	1R	2n7	1u+220n
VIDEOCOLOR	4K7	1R2	/	3R3	2R2	2R2	3R3	1R	1R	2n7	680n+220n

Chassis Professional 7000


ICT7 PCF8582
CT25 100n
CT24 100n
CT23 22u/25V
QT3 13.5MHz
+5U-S
4K7 RT30
ICT6 83C652
SCL
SDA
PAL+16:9
CT15 100n
CT14 100u/25V
LT2 47uH
+5U
+5U-S
JT16
JT15
JT14
JT13
JT12
13.5MHz
QT2
ICT5 83C654
R122 220R
R121 220R
JT11
JT10
JT19
JT20
BC847
TT7
TT6 BC847
DT2 BAS32L
R117 4K7
R118 4K7
R131 4K7
R119 1K5
2K2 RT16
CT11 100n
CT18 100n
CT20 100n
ICT4 PCF8582
BZV55C/3V6
ZT1
TT8 BC847
CT22 100u/25V
RT13 10K
+5U-S
ICT3 4053
CT10 1u
TT10 BC847
R129 27K
DT4 BAS32L
R128 22K
R127 22K
TT9 BC847
R126 10K
CT21 100n
2K3 RT11
3K3 R133
2K3 RT10
+5U
15p
CT7 3K3 R112
CT5 100n
CT4 100n
JT9
10K RT15
Q11 27MHz
CT6 1n
CT8 6p2
L11 3.3uH
ICT1 SAA5281
CUBS TXT
C19 100n
33K R132
BC847
TT5
R19 3K3
7SR R18
BLK TXT
560R R125
TT4 BC847
R17 7SR
B SAT TEXT
560R R124
TT3 BC847
R16 7SR
G SAT TEXT
560R R123
TT2 BC847
R15 7SR
R SAT TEXT
TXT
CT2 100n
RT4 27K
CT1 100n
TT1 BC847
R13 1K
R12 22K
22K RT1
CNT1


TU
RF SPLITTER
CNX1
CX30 100n
2R2 RX11
+12V
CX5 47u/16V
CX6 22n
22K RX10
LX2 15u
RX13 560R
T5.5A
FCX5
RX15 330R
RX14 560R
FCX4
T5.5A
FCX3
ZX1 BZV55C/3V6
200K RX34
TX5 BC847
RX35 100K
RX12 22K
1R RX29
+5V
CX22 47u/16V
CX23 100n
TX2 BC847
CX21 100n
JX3
RX21 150R
100R RX20
RX8 15K
2R2 RX9
CX4 100u/25V
82K RX7
100R RX6
CX3 10u/50V
1R RX2
CX2 22n
G1984(BG)
J1952 (I)
K2951 (DK)
FCX1
LX1
JX1
ICX2 TDA9800
CX10 22n
JX2
CX11 220n
CX1 22n
22K RX1
100R RX4
100R RX5
SDA
SCLK
L9350
FCX2
ICX1 TDA9830
CX12 4u7/35V
15R RX3
CX13 47u/16V
CX14 100n
CX15 4u7/35V
CX16 220n
CX7 1u
CX8 1u
CX29 1u
RX16 2K2
RX17 470R
CX9 100n
CX3
PX1 22K
CX18
CX19 1u
CX27 1u
CX28
ICX3 TDA8128
TX1 BC847
+12V
2R2 RX18
CX17 47u/16V
1K RX19
CX20 100p
JX5
RX24 470R
TX4 BC640
RX23 1K
TX3 BC847
RX33 22K
+5V
+5VSW
SCLK
B PIP
G PIP
R PIP
BLK PIP
H SYNC
+12V
CNX4
+8V
RX32 0R
+5VSW
CX25 47u/16V
RX25 0R
CX26 100n
RX26 47K
ICX4 4066
DX2 BAS32L
DX1 BAS32L
220K RX27
+5VSB
RX22 0R
P1P3
CNX2
33V
R+L P1P
CUBS P1P
P1P N_F
P1P ON
P1P SW1
P1P SW2
P1P2
+8V
RX28 0R
+12V
RX30 0R
+5V
RX31 0R
SDA
SCLK
6 P1P

PIP

ZX1 BZV55C/3V6
RX12 22K
1R RX29
+5V
TX5 BC847
200K RX34
RX35 100K
CX22 47u/16V
CX23 100n
TX2 BC847
CX21 100n
JX3
RX21 150R
100R RX20
PX1 22K
CX24 100n
TX3 BC847
1K RX19
CX20 100p
CX27 1u
CX18 1u
CX19 1u
CX28
JX5
ICX3 TDA8128
TX1 BC847
+12V
2R2 RX18
CX17 47u/16V
CX25 47u/16V
CX26 100n
10R RX25
RX26 47K
+5VSW
RX24 470R
TX4 BC548
RX23 1K
RX33 22K
+5V
RX32 0R
+5VSW
SCLK
B PIP
G PIP
R PIP
BLK-PIP
BLK PIP
H SYNC
+12V
+8V
CNX4
SDA2
SDA3
PIP3
PIP2
CNX5
ICX4 4066
JX4
DX2 BAS32L
DX1 BAS32L
220K RX27
P1P ON
P1P SW1
P1P SW2
P1P2
P1P3
CNX2
RX22 0R
RX28 0R
RX30 0R
RX31 0R
+8V
+12V
+5V
SDA
SCLK
G PIP
R PIP
B PIP
H SYNC
V SYNC
BAS32L
DX3
BLK PIP
PIP1
CNX3
CE9 2n2
RE8 270K
CE8 220p
CE7 100n
2R2 RE7
CE6 47u/16V
+8V
PAL SECAM NTSC 4,4 NTSC 3,5
IEC1 TDA4655
TE2 BC847
CE5 270p
10K RE6
ZE1 ZPD-2V6
LE1 2u2
CE4 560p
330R RE5
CE2 100p
1K8 RE4
QE2 8,8MHz
QE1 7,11MHz
CE3 1n
LE3 10u
RE9 5K6
330R RE1
100R RE2
TE1 BC847
10R RE3
CE1 47u/16V
RE16 1K
LE7 22uH
CE10 100n
CE11 47u/16V
CE12 100n
+SUSW
ICE2 TDA4661T
RE18 10K
10K RE10
CE22 100p
100K RE11
CE23 100n
CE24 100n
ICE3 TDA2579B
RE12 6K8
CE25 1u/50V
RE13 22R
CE26 22u/25V
RE14 820R
CE27 10u/50V
CE28 220n
2n7 CE29
PE1 4K7
RE15 33K
CE13 47u/16V
+8V
RE22 10R
TE5 BC847
CE38 10n
TE4 BC847
RE23 330R
TE3 BC847
RE24 330R
CE37 10n
RE25 2K2
LE2 15uH
FE1 TPS4,43MB
RE26 220R
CE36 10n
RE27 150R
RE17 10K
RE28 330R
10K RE3
10K RE2
10K RE1
CE32 220n
1K2 RE34
CE30 100n
2R2 RE38
+12V
10K RE35
CE31 47u/16V
RE36 1K
12K RE37
22K RE42
RE32 1K8
RE33 8K2
CE39 1u
CE40 1u
CE41 1u
CE42 1n
CE43 56n
56K RE45
TE6 BC857
CE54 100n
RE43 3K3
RE44 47K
SUSW
ICE4 SDA9187-2X
LE3 22uH
CE52 47u/16V
LE4 22uH
CE44 100n
CE46 100n
47u/16V CE47
LE5 22uH
CE48 47u/16V
LE6 22uH
CE49 47u/16V
CE50 100n
CE51 100n
ICE5 SDA9188-3X
CE34 100p
QE3 20,48MHz
CE33 27p
RE31 3K3
RE41
220R RE39
220R RE40
V SYNC
H SYNC
BLK-PIP
B PIP
G PIP
R PIP
SDA1
SCLK

ICE1 SDA9187-2X
ICE2 TDA4661T
ICE3 TDA2579B
IEC1 TDA4655
ICE5 SDA9188-3X
ICX1 4066
ICX3 TDA8128
TE1 BC847
TE2 BC847
TE3 BC847
TE4 BC847
TE5 BC847
TE6 BC857
TX1 BC847
TX2 BC847
TX3 BC847
TX4 BC640
TX5 BC847
ZE1 ZPD-3V6
ZX1 BZV55C/3V6
DX1 BAS32L
DX2 BAS32L
DX3 BAS32L
QE1 7,1MHz
QE2 8,8MHz
QE3 20,48MHz
FE1 TPS1,43MB
CNX1
CNX2
CNX3
CNX4
CNX5

PIP

TEXT

Spare parts list
Lista parti di ricambio Chassis 7000

Ref./Pos.	Part No. Codice	Description	Descrizione	Price Lit. Prezzo Lit.
	S000547009	**Main PCB 7000 PAL/NTSC cpl. 4:3**	**Chassis 7000 PAL/NTSC cpl. 4:3**	
	S000547209	**Main PCB 7000 PAL/SECAM/NTSC cpl. 4:3**	**Chassis 7000 PAL/SECAM/NTSC cpl. 4:3**	
	S000547509	**Main PCB 7000 PAL/NTSC cpl. 16:9**	**Chassis 7000 PAL/NTSC cpl. 16:9**	
	S000547709	**Main PCB 7000 PAL/SECAM/NTSC cpl. 16:9**	**Chassis 7000 PAL/SECAM/NTSC cpl. 16:9**	
	S017133009	Condensator 330 pF 1000 V	Condensatore 330 pF 1000 V	
	S034332219	Condensator 22 nF 250 V	Condensatore 22 nF 250 V	
	S036211509	Condensator 150 pF 2000 V	Condensatore 150 pF 2000 V	
	S036222709	Condensator 2,7 nF 2000 V	Condensatore 2,7 nF 2000 V	
	S036228209	Condensator 8,2 nF 2000 V	Condensatore 8,2 nF 2000 V	
	S047001009	Fusible resistor 1 Ohm	Resistenza sicurezza 1 Ohm	
	S047004709	Fusible resistor 4,7 Ohm	Resistenza sicurezza 4,7 Ohm	
	S047010009	Fusible resistor 10 Ohm	Resistenza sicurezza 10 Ohm	
	S048002209	Fusible resistor 2,2 Ohm	Resistenza sicurezza 2,2 Ohm	
	S048005609	Fusible resistor 5,6 Ohm	Resistenza sicurezza 5,6 Ohm	
	S048222009	Fusible resistor 2,2 KOhm	Resistenza sicurezza 2,2 KOhm	
	S053910279	Wire wound resistor 27 Ohm 3 W	Resistenza a filo 27 Ohm 3 W	
	S055408209	Wire wound resistor 5,6 Ohm 7 W	Resistenza a filo 5,6 Ohm 7 W	
	S061284619	Diode BA 159	Diodo BA 159	
	S061303209	Diode BYW 96D	Diodo BYW 96D	
	S061316879	Diode BY 228	Diodo BY 228	
	S061401339	Diode BYD 33 J	Diodo BYD 33 J	
	S061961409	Zener diode 5,1 V	Diodo zener 5,1 V	
	S061961619	Zener diode 6,8 V	Diodo zener 6,8 V	
	S061961709	Zener diode BZV 85C33	Diodo zener BZV 85C33	
	S061961819	Zener diode 8,2 V	Diodo zener 8,2 V	
	S061963019	Zener diode 33 V	Diodo zener 33 V	
	S061963309	Zener diode 51 V	Diodo zener 51 V	
	S062530009	Transistor BD 436	Transistor BD 436	
	S062756109	Transistor S2000AF	Transistor S 2000AF	
	S063126169	I.C. TDA 2616	Circuito integrato TDA 2616	
	S063145669	I.C. TDA 4566	Circuito integrato TDA 4566	
	S063164159	I.C. TEA 6415C	Circuito integrato TEA 6415C	
	S063164229	I.C. TEA 6422	Circuito integrato TEA 6422	
	S063170519	I.C. TDA 7050T	Circuito integrato TDA 7050T	
	S063181389	I.C. TDA 8138A	Circuito integrato TDA 8138A	
	S063181409	I.C. TDA 8140	Circuito integrato TDA 8140	

Ref./Pos.	Part No. Codice	Description	Descrizione	Price Lit. Prezzo Lit.
	S063183509	I.C. TDA 8350Q	Circuito integrato TDA 8350Q	
	S063183569	I.C. 87C055 (uP SEI)	Circuito integrato 87C055 (uPSEI)	
	S063183769	I.C. TDA 8376	Circuito integrato TDA 8376	
	S063198609	I.C. TDA 9860	Circuito integrato TDA 9860	
	S063210509	I.C. L 7808CV	Circuito integrato L 7808CV	
	S063285949	I.C. ST 24C04 AB1 (4K)	Circuito integrato ST 24C04 AB1 (4K)	
	S063349819	I.C. SAA 4981 (16:9 only)	Circuito integrato SAA 4981 (solo 16:9)	
	S063183959	I.C. TDA8395 (SECAM only)	Circuito integrato TDA8395 (solo SECAM)	
	S063546659	I.C. TDA 4665T	Circuito integrato TDA 4665T	
	S063586019	I.C. TDA 8601T	Circuito integrato TDA 8601T	
	S065621409	Flyback transformer 7000	Trasformatore EAT 7000	
	S066900159	Quarz 3,58 MHz	Quarzo 3,58 MHz	
	S066900259	Quarz 4,43 MHz	Quarzo 4,43 MHz	
	S066901209	Quarz 12 MHz	Quarzo 12 MHz	
	S067071009	E/W coil 13,5 mH	Bobina choke E/W 13,5 mH	
	S067081009	Bridge coil AT 4043/100	Bobina ponte AT 4043/100	
	S067081409	Linearity coil	Bobina linearità	
	S071013409	External speaker connector	Presa altoparlante supplementare	
	S071014209	SCART connector	Presa SCART	
	S071015409	Double vertical audio RCA cinch	Doppia presa RCA audio verticale	
	S071020009	S-VHS connector 4 pole	Presa S-VHS 4 poli	
	S000557009	**IF Video/audio PCB cpl. (A2)**	**Modulo FI video/audio cpl. (A2)**	
	S000557109	**IF Video/audio PCB cpl. (A2/NICAM)**	**Modulo FI video/audio (A2/NICAM)**	
	S000557129	**IF Video/audio PCB cpl. (A2/NICAM/AM)**	**Modulo FI video/audio (A2/NICAM/AM)**	
	S000557119	**IF Video/audio PCB cpl. (NICAM)**	**Modulo FI video/audio (NICAM)**	
	S063598140	I.C. TDA 9814T	Circuito integrato TDA 9814T	
	S063598409	I.C. TDA 9840T	Circuito integrato TDA 9840T	
	S063372839	I.C. SAA 7283	Circuito integrato SAA 7283	
	S066900409	Quarz 10 MHz	Quarzo 10 MHz	
	S067320709	SAW filter G3964M	Filtro SAW G3964M	
	S067321509	SAW filter G9353M	Filtro SAW G9353M	
		SAW filter	Filtro SAW	
		SAW filter	Filtro SAW	
	S067400529	Ceramic filter SFT 5,5 MA	Filtro ceramico SFT 5,5MA	
	S067400539	Ceramic filter SFT 5,74 MA	Filtro ceramico SFT 5,74 MA	
	S067401089	Ceramic filter SFT 6,0 MA	Filtro ceramico SFT 6,0 MA	
	S067401109	Ceramic filter SFT 6,5 MA	Filtro ceramico SFT 6,5 MA	
	S067401059	Ceramic filter TPS 5,5 MWA	Filtro ceramico TPS 5,5 MWA	
	S067400009	Ceramic filter TPWA 01B	Filtro ceramico TPWA 01B	
	S067407809	Coil	Bobina	

Ref./Pos.	Part No. Codice	Description	Descrizione	Price Lit. Prezzo Lit.
	S067430009	Choke 4,7 mH 2%	Choke 4,7 mH 2%	
	S069024409	Tuner	Tuner	
	S000567509	**Power PCB 7000 cpl.**	**Modulo Power 7000 cpl.**	
	S014182009	Condensator 820 pF NPO	Condensatore 820 pF NPO	
	S017133009	Condensator 330 pF 1000 V	Condensatore 330 pF 1000 V	
	S017222009	Condensator 2,2 nF 1000 V	Condensatore 2,2 nF 1000 V	
	S020222009	Condensator 2,2 nF 4000 V	Condensatore 2,2 nF 4000 V	
	S029621209	Condensator 1,2 nF 1%	Condensatore 1,2 nF 1%	
	S030236809	Condensator 68 nF 250 VAC	Condensatore 68 nF 250 VAC	
	S030242209	Condensator 220 nF 250 VAC	Condensatore 220 nF 250 VAC	
	S034322219	Condensator 2,2 nF 250 VAC	Condensatore 2,2 nF 250 VAC	
	S047003309	Fusible resistor 3,3 Ohm	Resistenza sicurezza 3,3 Ohm	
	S053051009	Safety resistor 1 MOhm VR37	Resistenza 1 MOhm VR37	
	S053210709	Safety resistor 4,7 MOhm VR68	Resistenza 4,7 MOhm VR68	
	S054000279	Wire wound resistor 0,27 Ohm 3 W	Resistenza a filo 0,27 Ohm 3 W	
	S055491009	Wire wound resistor 1 Kohm 9 W	Resistenza a filo 1 KOhm 9 W	
	S056590209	NTC resistor 4,7 Ohm	Resistenza NTC 4,7 Ohm	
	S056591909	PTC resistor	Resistenza PTC	
	S061111329	Diode 1N4007	Diodo 1N4007	
	S061284619	Diode BA159	Diodo BA159	
	S061300509	Diode BYW29/200	Diodo BYW29/200	
	S061302409	Diode BYW95B	Diodo BYW95B	
	S061302609	Diode BYW95C	Diodo BYW95C	
	S061401339	Diode BYD33 J	Diodo BYD33 J	
	S061912239	Zener diode 6,2 V	Diodo zener 6,2 V	
	S061961079	Zener diode 3,6 V	Diodo zener 3,6 V	
	S062756109	Transistor S 2000AF	Transistor S 2000AF	
	S063164509	I.C. TEA 2261	Circuito integrato TEA 2261	
	S063411019	Optocoupler TCDT1101GB	Fotoaccoppiatore TCDT1101GB	
	S065707109	Power switch transformer 7000	Trasformatore SMT 7000	
	S066541709	Line filter	Filtro rete	
	S070506309	Fuse T 2,5A H	Fusibile T 2,5A H	
	S087171509	Security cover	Copertura isolante	
	S000677209	**RGB Amplif. PCB cpl.**	**Modulo Amplif. RGB cpl.**	
	S017233009	Condensator 3,3 nF 1000 V	Condensatore 3,3 nF 1000 V	
	S035931019	Condensator 10 nF 1000 V	Condensatore 10 nF 1000 V	
	S040590229	Elko 2,2 uF 250 V	Condensatore elettrolitico 2,2 uF 250 V	
	S061281059	Diode BAV 103-GS08	Diodo BAV 103-GS08	
	S062740869	Transistor BF 871	Transistor BF 871	

Ref./Pos.	Part No. Codice	Description	Descrizione	Price Lit. Prezzo Lit.
	S063151019	I.C. TEA 5101A	Circuito integrato TEA 5101A	
	S070001209	CRT socket	Zoccolo cinescopio	
	S070001609	CRT socket (dynamic focus only)	Zoccolo cinescopio (solo fuoco dinamico)	
	S000747139	**Teletext TOP/FLOF/ATS PCB cpl.**	**Modulo Televideo 7000 TOP/FLOF/ATS cpl.**	
	S063185719	I.C. ST 24C02 (2k)	Circuito integrato ST 24C02 (2K)	
	S063283519	I.C. 87C652-4N40 (uP ATS)	Circuito integrato 87C652-4N40 (uP ATS)	
	S063283709	I.C. P83C654 FBP/0541 CTV988	Circuito integrato P83C654 FBP/0541 CTV988	
	S063285949	I.C. ST 24C04 AB1 (4K)	Circuito integrato ST 24C04 AB1 (4K)	
	S063352810	I.C. SAA 5281 P/E	Circuito integrato SAA 5281 P/E	
	S063574009	I.C. 74HC4053D	Circuito integrato 74HC4053D	
	S066901209	Quarz 12 MHz	Quarzo 12 MHz	
	S066902709	Quarz 27 MHz	Quarzo 27 MHz	

Spare parts list
Ersatzteilliste

TV 2807 / 2816 PIP/ 8201 / 8295 PIP

Chassis Professional 7000

Ref./Pos.	Ersatzeil-NR.	Description	Bezeichnung
	S000847029	Manuals controls PCB cpl	Bedienplatine komplett
	S062000409	LED diode red/green	LED rot/grün
	S068057009	Mains switch	Netzschalter
	S068056309	Pusch EKPT 1105 S	Schalter EKPT 1105 S
	S068149109	IR receiver TFMS 5360	Infrarotempfänger TFMS 5360
	S071015309	Earphone jack	Kopfhörerbuchse
	S071020109	RCA jack white	Chinchbuchse weis
	S071020119	RCA jack red	Chinchbuchse rot
	S071020129	RCA jack yellow	Chinchbuchse gelb
	S078970009	Manuals controls holder	Halter Bedienteil
	S079070009	Door	Tür
	S082811409	Door holder	Türhalter
	S082900009	Door push-push block	Türöffner
	S083307009	Mains switch button	Knopf Netzschalter
	S007865359	Cabinet front	Gehäusefront (TV 8201/8295)
	S007864609	Cabinet front	Gehäusefront (TV 2807/2816)
	S078154309	Cabinet	Mittelgehäuse (TV 8201/8295)
	S078145009	Cabinet	Mittelgehäuse (TV 2807/2816)
	S080154309	Back cover	Gehäuserückwand
	S060332009	CRT 32" W76EDX013X101	Bildröhre W76EDX013X101 (TV 8201/8295)
	S060328509	CRT 28" W66EDX013X010	Bildröhre W66DX013X010 (TV 2807/2616)
	S068270109	Transmitter 7000	Fernbedienung 7000
	S073173509	Speaker 8 Ohm	Lautsprecher 8 Ohm
	S073173109	Woofer speaker 8 Ohm	Baßlautsprecher 8 Ohm
	S000887009	Subwoofer box cpl.	Lautsprecherbox komplett
	S087170009	Chassis holder side	Chassishalter Seite
	S087170509	Chassis holder front	Chassishalter Front
	S087171009	Chassis rear connector cover	Buchsenplatte

Spare parts list
Ersatzteilliste

TV 735 / 755S
Chassis Professional 7000

Ref./Pos.	Ersatzeil-NR.	Description	Bezeichnung
	S000847019	Manuals controls PCB cpl.	Bedienplatine komplett
	S062000409	LED diode red/green	LED rot/grün
	S068055309	Mains switch	Netzschalter
	S068056309	Pusch EKPT 1105 S	Schalter EKPT 1105 S
	S068149109	IR receiver TFMS 5360	Infrarotempfänger TFMS 5360
	S071015309	Earphone jack	Kopfhörerbuchse
	S078949519	Manuals controls holder	Halter Bedienteil
	S079049409	Door	Tür
	S083305009	Mains switch button	Knopf Netzschalter
	S091041609	Mains switch spring	Feder Netzschalter
	S007865439	Cabinet front	Gehäusefront (TV 735)
	S007865469	Cabinet front	Gehäusefront (TV 755S)
	S078154309	Cabinet	Mittelgehäuse
	S080154209	Back cover	Gehäuserückwand
	S060328019	CRT 28" A66EAK71X01	Bildröhre A66EAK71X01 (TV 735)
	S060328309	CRT 28" A66EAK252X11	Bildröhre A66EAK252X11 (TV 755S)
	S068270109	Transmitter 7000 ORION	Fernbedienung 7000
	S073173409	Speaker 8 Ohm	Lautsprecher 8 Ohm
	S087170009	Chassis holder side	Chassishalter Seite
	S087170509	Chassis holder front	Chassishalter Front
	S087171009	Chassis rear connector cover	Buchsenplatte

Spare parts list
Ersatzteilliste

TV 8607 PIP
Chassis Professional 7000

Ref./Pos.	Ersatzeil-NR.	Description	Bezeichnung
	S000847039	Manuals controls PCB cpl.	Bedienplatine komplett
	S000834309	IR receiver PCB cpl.	Infrarotempfängerplatine komplett
	S062000409	LED diode red/green	LED rot/grün
	S068055309	Mains switch	Netzschalter
	S068056309	Pusch EKPT 1105 S	Schalter EKPT 1105 S
	S068149109	IR receiver TFMS 5360	Infrarotempfänger TFMS 5360
	S071015309	Earphone jack	Kopfhörerbuchse
	S078941709	Manuals controls holder	Halter Bedienteil
	S079041509	Door	Tür
	S083304209	Mains switch button	Knopf Netzschalter
	S091041709	Mains switch spring	Feder Netzschalter
	S007867109	Cabinet front	Gehäusefront
	S078171009	Cabinet	Mittelgehäuse
	S078171109	Subwoofer cover	Lautsprecherbox
	S080141909	Back cover	Gehäuserückwand
	S079471009	Front glass	Scheibe
	S060334109	CRT 34" A79ECU33X01	Bildröhre A79ECU33X01
	S068270109	Transmitter 7000 ORION	Fernbedienung 7000
	S073172209	Speaker 8 Ohm	Lautsprecher 8 Ohm
	S087170009	Chassis holder side	Chassishalter Seite
	S087170509	Chassis holder front	Chassishalter Front
	S087171009	Chassis rear connector cover	Buchsenplatte

Spare parts list
Ersatzteilliste

Chassis 7000
Revision 1.6

Ref./Pos.	Part No. ET-Nr.	Description	Bezeichnung
	S000547009	**Main PCB 7000 PAL/NTSC cpl. 4:3**	**Chassis 7000 PAL/NTSC kpl. 4:3**
	S000547209	**Main PCB 7000 PAL/SECAM/NTSC cpl. 4:3**	**Chassis 7000 PAL/SECAM/NTSC kpl. 4:3**
	S000547509	**Main PCB 7000 PAL/NTSC cpl. 16:9**	**Chassis 7000 PAL/NTSC kpl. 16:9**
	S000547709	**Main PCB 7000 PAL/SECAM/NTSC cpl. 16:9**	**Chassis 7000 PAL/SECAM/NTSC kpl. 16:9**
	S000547519	**Main PCB 7000 PAL/NTSC cpl. 16:9/36"**	**Chassis 7000 PAL/NTSC kpl. 16:9/36"**
	S017133009	Condensator 330 pF 1000 V	Kondensator 330 pF 1000 V
	S034332219	Condensator 22 nF 250 V	Kondensator 22 nF 250 V
	S036211509	Condensator 150 pF 2000 V	Kondensator 150 pF 2000 V
	S036222709	Condensator 2,7 nF 2000 V	Kondensator 2,7 nF 2000 V
	S036228209	Condensator 8,2 nF 2000 V	Kondensator 8,2 nF 2000 V
	S047001009	Fusible resistor 1 Ohm	Sicherheitswiderstand 1 Ohm
	S047004709	Fusible resistor 4,7 Ohm	Sicherheitswiderstand 4,7 Ohm
	S047010009	Fusible resistor 10 Ohm	Sicherheitswiderstand 10 Ohm
	S048002209	Fusible resistor 2,2 Ohm	Sicherheitswiderstand 2,2 Ohm
	S048005609	Fusible resistor 5,6 Ohm	Sicherheitswiderstand 5,6 Ohm
	S048222009	Fusible resistor 2,2 KOhm	Sicherheitswiderstand 2,2 KOhm
	S053910279	Wire wound resistor 27 Ohm 3 W	Widerstand 27 Ohm 3 W
	S055408209	Wire wound resistor 5,6 Ohm 7 W	Widerstand 5,6 Ohm 7 W
	S061284619	Diode BA 159	Diode BA 159
	S061303209	Diode BYW 96D	Diode BYW 96D
	S061316879	Diode BY 228	Diode BY 228
	S061401339	Diode BYD 33 J	Diode BYD 33 J
	S061961409	Zener diode 5,1 V	Diode zener 5,1 V
	S061961619	Zener diode 6,8 V	Diode zener 6,8 V
	S061961709	Zener diode BZV 85C33	Diode zener BZV 85C33
	S061961819	Zener diode 8,2 V	Diode zener 8,2 V
	S061963019	Zener diode 33 V	Diode zener 33 V
	S061963309	Zener diode 51 V	Diode zener 51 V
	S062530009	Transistor BD 436	Transistor BD 436
	S062756109	Transistor S2000AF	Transistor S 2000AF
	S063126169	I.C. TDA 2616	IC TDA 2616
	S063145669	I.C. TDA 4566	IC TDA 4566
	S063164159	I.C. TEA 6415C	IC TEA 6415C
	S063164229	I.C. TEA 6422	IC TEA 6422
	S063170519	I.C. TDA 7050T	IC TDA 7050T
	S063181389	I.C. TDA 8138A	IC TDA 8138A
	S063181409	I.C. TDA 8140	IC TDA 8140
	S063183509	I.C. TDA 8350Q	IC TDA 8350Q
	S063183569	I.C. 87C055 (1.4.1)	IC 87C055 (1.4.1)

Ref./Pos.	Part No. ET-Nr.	Description	Bezeichnung
	S063183579	I.C. 87C055 1.6.2)	IC 87C055 1.6.2)
	S063183589	I.C. 87C055 (2.5)	IC 87C055 (2.5)
	S063183769	I.C. TDA 8376	IC TDA 8376
	S063198609	I.C. TDA 9860	IC TDA 9860
	S063210509	I.C. L 7808CV	IC L 7808CV
	S063285949	I.C. ST 24C04 AB1 (4K)	IC ST 24C04 AB1 (4K)
	S063349819	I.C. SAA 4981 (16:9 only)	IC SAA 4981 (solo 16:9)
	S063183959	I.C. TDA8395 (SECAM only)	IC TDA8395 (solo SECAM)
	S063546659	I.C. TDA 4665T	IC TDA 4665T
	S063586019	I.C. TDA 8601T	IC TDA 8601T
	S065621409	Flyback transformer 7000	Zeilentrafo 7000
	S065621509	Flyback transformer 7000 16:9/36" only	Zeilentrafo 7000 nur 16:9/36"
	S066900159	Quarz 3,58 MHz	Quarz 3,58 MHz
	S066900259	Quarz 4,43 MHz	Quarz 4,43 MHz
	S066901209	Quarz 12 MHz	Quarz 12 MHz
	S067071009	E/W coil 13,5 mH	Spule ost/west 13,5 mH
	S067081009	Bridge coil AT 4043/100	Spule AT 4043/100
	S067081409	Linearity coil	Spule Linearität
	S071013409	External speaker connector	Lautsprecherbuchse
	S071014209	SCART connector	Scartbuchse
	S071015409	Double vertical audio RCA cinch	Audiobuchse cinch
	S071020009	S-VHS connector 4 pole	S-VHS Buchse 4 polig
	S000557009	**IF Video/audio PCB cpl. (A2)**	**ZF Platine video/audio kpl. (A2)**
	S000557109	**IF Video/audio PCB cpl. (A2/NICAM)**	**ZF Platine video/audio (A2/NICAM)**
	S000557129	**IF Video/audio PCB cpl. (A2/NICAM/AM)**	**ZF Platine video/audio (A2/NICAM/AM)**
	S000557119	**IF Video/audio PCB cpl. (NICAM)**	**ZF Platine video/audio (NICAM)**
	S063598149	I.C. TDA 9814T	IC TDA 9814T
	S063598409	I.C. TDA 9840T	IC TDA 9840T
	S063372839	I.C. SAA 7283	IC SAA 7283
	S066900409	Quarz 10 MHz	Quarz 10 MHz
	S067320709	SAW filter G3964M	Filter SAW G3964M
	S067321509	SAW filter G9353M	Filter SAW G9353M
		SAW filter	Filter SAW
		SAW filter	Filter SAW
	S067400529	Ceramic filter SFT 5,5 MA	Keramikfilter SFT 5,5MA
	S067400539	Ceramic filter SFT 5,74 MA	Keramikfilter SFT 5,74 MA
	S067401089	Ceramic filter SFT 6,0 MA	Keramikfilter SFT 6,0 MA
	S067401109	Ceramic filter SFT 6,5 MA	Keramikfilter SFT 6,5 MA
	S067401059	Ceramic filter TPS 5,5 MWA	Keramikfilter TPS 5,5 MWA
	S067400009	Ceramic filter TPWA 01B	Keramikfilter TPWA 01B
	S067407809	Coil	Spule
	S067430009	Choke 4,7 mH 2%	Spule 4,7 mH 2%
	S069024409	Tuner	Tuner

Ref./Pos.	Part No. ET-Nr.	Description	Bezeichnung
	S000567009	**Power PCB cpl. 4:3/25"-28"**	**Powerplatine kpl. 4:3/25"-28"**
	S000567019	**Power PCB cpl. 4:3/34" - 16:9/36"**	**Powerplatine kpl. 4:3/34" - 16:9/36"**
	S000567509	**Power PCB cpl. 16:9/28"-32"**	**Powerplatine kpl. 16:9/28"-32"**
	S014182009	Condensator 820 pF NPO	Kondensator 820 pF NPO
	S017133009	Condensator 330 pF 1000 V	Kondensator 330 pF 1000 V
	S017222009	Condensator 2,2 nF 1000 V	Kondensator 2,2 nF 1000 V
	S020222009	Condensator 2,2 nF 4000 V	Kondensator 2,2 nF 4000 V
	S029621209	Condensator 1,2 nF 1%	Kondensator 1,2 nF 1%
	S030236809	Condensator 68 nF 250 VAC	Kondensator 68 nF 250 VAC
	S030242209	Condensator 220 nF 250 VAC	Kondensator 220 nF 250 VAC
	S034322219	Condensator 2,2 nF 250 VAC	Kondensator 2,2 nF 250 VAC
	S047003309	Fusible resistor 3,3 Ohm	Sicherheitswiderstand 3,3 Ohm
	S053051009	Safety resistor 1 MOhm VR37	Sicherheitswiderstand 1 MOhm VR37
	S053210709	Safety resistor 4,7 MOhm VR68	Sicherheitswiderstand 4,7 MOhm VR68
	S054000279	Wire wound resistor 0,27 Ohm 3 W	Widerstand 0,27 Ohm 3 W
	S055491009	Wire wound resistor 1 Kohm 9 W	Widerstand 1 KOhm 9 W
	S056590209	NTC resistor 4,7 Ohm	NTC Widerstand 4,7 Ohm
	S056591109	PTC resistor 4:3/25"-28"	PTC Widerstand 4:3/25"-28"
	S056591909	PTC resistor 4:3/34" - 16:9/28"-32"-36"	PTC Widerstand 4:3/34" - 16:9/28"-32"-36"
	S061111329	Diode 1N4007	Diode 1N4007
	S061284619	Diode BA159	Diode BA159
	S061300509	Diode BYW29/200	Diode BYW29/200
	S061302409	Diode BYW95B	Diode BYW95B
	S061302609	Diode BYW95C	Diode BYW95C
	S061401339	Diode BYD33 J	Diode BYD33 J
	S061912239	Zener diode 6,2 V	Diode zener 6,2 V
	S061961079	Zener diode 3,6 V	Diode zener 3,6 V
	S062756109	Transistor S 2000AF	Transistor S 2000AF
	S063164509	I.C. TEA 2261	IC TEA 2261
	S063411019	Optocoupler TCDT1101GB	Optokoppler TCDT1101GB
	S065707109	Power switch transformer 7000	Wandlertrafo 7000
	S066541709	Line filter	Netzfilter
	S000677009	**RGB Amplif. PCB cpl. 4:3**	**Bildröhrenplatine RGB 7000 4:3**
	S000677209	**RGB Amplif. PCB cpl. 16:9**	**Bildröhrenplatine RGB 7000 16:9**
	S000677239	**RGB Amplif. PCB cpl. 16:9 36"**	**Bildröhrenplatine RGB 7000 16:9 36"**
	S017233009	Condensator 3,3 nF 1000 V	Kondensator 3,3 nF 1000 V
	S035931019	Condensator 10 nF 1000 V	Kondensator 10 nF 1000 V
	S040590229	Elko 2,2 uF 250 V	Kondensator elettrolitico 2,2 uF 250 V
	S061281059	Diode BAV 103-GS08	Diode BAV 103-GS08
	S062740869	Transistor BF 871	Transistor BF 871
	S063151019	I.C. TEA 5101A	IC TEA 5101A
	S070001209	CRT socket	Bilröhrensockel
	S070001609	CRT socket (dynamic focus only)	Bildröhrensockel (nur dynamik Fokus)

Ref./Pos.	Part No. ET-Nr.	Description	Bezeichnung
	S000797009	**Dynamic focus PCB cpl.**	**Dynamik Fokus Platine**
	S056592109	VDR resistor	VDR Widerstand
	S058549009	Dynamic focus variable resistor	Dynamikfokusregler
	S065625719	Focus cable	Fokuskabel
	S065625819	G2 cable	G2 Kabel
	S066830109	Dinamic focus modulator coil AT4043/67A	Spule Dynamic Focus AT4043/67A
	S000747139	**Teletext TOP/FLOF/ATS PCB cpl.**	**Videotextplatine 7000 TOP/FLOF/ATS cpl.**
	S000747129	**Teletext TOP/FLOF PCB cpl.**	**Videotextplatine 7000 TOP/FLOF kpl.**
	S063185719	I.C. ST 24C02 (2k)	IC ST 24C02 (2K)
	S063283519	I.C. 87C652-4N40 (uP ATS)	IC 87C652-4N40 (uP ATS)
	S063283709	I.C. P83C654 FBP/0541 CTV988	IC P83C654 FBP/0541 CTV988
	S063285949	I.C. ST 24C04 AB1 (4K)	IC ST 24C04 AB1 (4K)
	S063352819	I.C. SAA 5281 P/E	IC SAA 5281 P/E
	S063574009	I.C. 74HC4053D	IC 74HC4053D
	S066901209	Quarz 12 MHz	Quarz 12 MHz
	S066902709	Quarz 27 MHz	Quarz 27 MHz
	S000807019	**Subwoofer booster PCB cpl.**	**Subwoofer Booster Platine**
	S063126169	I.C. TDA 2616	IC TDA 2616
	S000787009	**PIP PCB cpl.**	**PIP Platine**
	S047001009	Safety resistor 1 Ohm	Sicherheitswiderstand 1 Ohm
	S048002209	Safety resistor 2,2 Ohm	Sicherheitswiderstand 2,2 Ohm
	S061961079	Zener diode 3,6 V	Zenerdiode 3,6 V
	S062520349	Transistor BC 640	Transistor BC 640
	S063125799	I.C. TDA 2579A	IC TDA 2579A
	S063146559	I.C. TDA 4655	IC TDA 4655
	S063198009	I.C. TDA 9800	IC TDA 9800
	S063546659	I.C. TDA 4665T	IC TDA 4665T
	S063570109	I.C. 74 HC 4066D	IC 74 HC 4066D
	S063591879	I.C. SDA 9187	IC SDA 9187
	S063591889	I.C. SDA 9188	IC SDA 9188
	S066900119	Quarz 8,86 MHz	Quarz 8,86 MHz
	S066900329	Quarz 7,16 MHz	Quarz 7,16 MHz
	S067316009	SAW Filter G 1984-M	Filter SAW G 1984 M
	S067330209	Resonator CSA 20,48 MHz	Filter CSA 20,48 MHz
	S067368109	Ceramic filter TPS 4,43 MB	Keramikfilter TPS 4,43 MB
	S067401059	Ceramic filter TPS 5,5 MWA	Keramikfilter TPS 5,5 MWA
	S067407809	Coil	Spule
	S069024409	Tuner HTP 200S	Tuner HTP 200S
	S069310009	PIP-Power splitter	PIP-Power splitter
	S092427609	PIP antenna cable	Antennenkabel PIP

Ref./Pos.	Part No. ET-Nr.	Description	Bezeichnung
	S000807009	**Dolby Pro Logic PCB cpl.**	**Dolby Pro Logic Modul kpl.**
	S061961959	Zener diode 10V	Zenerdiode 10V
	S063126169	I.C. TDA2616	IC TDA2616
	S063363009	I.C. M51132L	IC M51132L
	S063363309	I.C. M65830BP	IC M65830BP
	S063363509	I.C. M69032P	IC M69032P
	S063540479	I.C. HEF4047BT	IC HEF4047BT
	S067330309	Ceramic resonator CSA 2.00 MG	Keramikfilter CSA 2.00 MG
	S068070909	Relay SVR 12	Relais SVR 12
	S068500309	Switch SK 22F01G9	Schalter SK 22F01G9
	S071013409	External speaker connector	Buchse Externer Lautsprecher
	S000817029	**Sat receiver PCB cpl.**	**Sat receiver komplett**

Spare parts list
Ersatzteilliste

TV 1169 / TV 2807 / 2816 PIP / 2840
TV 8201 / 8295 PIP / 8250
Chassis Professional 7000

Ref./Pos.	Part No. ET-Nr.	Description	Bezeichnung
	S000847209	**Manuals controls PCB cpl. (TV 1169)**	**Bedienteil cpl. (TV 1169)**
	S000847029	**Manuals controls PCB cpl. (TV2807/2816/8201/8295)**	**Bedienteil cpl. (TV2807/2816/8201/8295)**
	S000847089	**Manuals controls PCB cpl. (TV 2840/8250)**	**Bedienteil cpl. (TV 2840/8250)**
	S062000409	LED diode red/green	LED rot/grün
	S068057009	Mains switch	Netzschalter
	S068056309	Pusch EKPT 1105 S	Schalter EKPT 1105S
	S068149109	IR receiver TFMS 5360	IR-Empfänger TFMS 5360
	S071015309	Earphone jack	Kopfhörerbuchse
	S071020109	RCA jack white	RCA-Buchse weiß
	S071020119	RCA jack red	RCA-Buchse rot
	S071020129	RCA jack yellow	RCA-Buchse gelb
	S078970009	Manuals controls holder	Halter Bedienteil
	S000847709	Door (TV 1169)	Door (TV 1169)
	S000847529	Door (TV2807/2816PIP/8201/8295PIP)	Door (TV2807/2816PIP/8201/8295PIP)
	S000847589	Door (TV 2840/8250)	Door (TV 2840/8250)
	S082811409	Door holder	Halter Door
	S082900009	Door push-push block	Door Push-Push Block
	S083307009	Mains switch button	Knopf Netzschalter
	S007864819	Cabinet front (TV 1169)	Gehäusefront (TV 1169)
	S007864609	Cabinet front (TV 2807/2816PIP/2840)	Gehäusefront (TV 2807/2816PIP/2840)
	S007865359	Cabinet front (TV 8201/8295PIP/8250)	Gehäusefront (TV 8201/8295PIP/8250)
	S007814509	Cabinet (TV 1169)	Mittelgehäuse (TV 1169)
	S078145009	Cabinet (TV 2807/2816PIP/2840)	Mittelgehäuse (TV 2807/2816PIP/2840)
	S078154309	Cabinet (TV 8201/8295PIP/8250)	Mittelgehäuse (TV 8201/8295PIP/8250)
	S080154309	Back cover	Rückwand
	S060328509	CRT 28" W66EDX013X010 (1169/2807/2816/2840)	Bildröhre 28" W66EDX013X010 (1169/2807/2816/2840)
	S060332009	CRT 32" W76EDX013X101 (TV 8201/8295PIP/8250)	Bildröhre 32" W76EDX013X101 (TV 8201/8295PIP/8250)
	S067203409	Degauss coil (TV 2807/2816PIP/2840)	Entmagnetisierungsspule (TV 2807/2816PIP/2840)
	S067203509	Degauss coil (TV 8201/8295PIP/8250)	Entmagnetisierungsspule (TV 8201/8295PIP/8250)
	S068270209	Transmitter 7000 + Dolby	Fernbedienung 7000 + Dolby
	S073173409	Speaker 8 Ohm (TV 1169)	Lautsprecher 8 Ohm (TV 1169)
	S073173509	Speaker 8 Ohm	Lautsprecher 8 Ohm
	S073173109	Woofer speaker 8 Ohm	Lautsprecher (Woofer) 8 Ohm
	S087170509	Chassis holder front	Halter Chassis (Front)
	S087171009	Chassis rear connector cover	Buchsenplatte
	S073177019	Rear box cpl. (TV 2840/8250)	Surroundbox cpl. (TV 2840/8250)
	S092431619	Cable Rear box with connector	Kabel Surroundbox mit Stecker
	S092431609	Cable Rear box without connector	Kabel Surroundbox ohne Stecker

Spare parts list
Ersatzteilliste

TV735 / 755S / 7109PIP
Chassis Professional 7000

Ref./Pos.	Part No. ET-Nr.	Description	Bezeichnung
	S000847019	**Manuals controls PCB cpl. (TV 735/755S)**	**Bedienteil cpl. (TV 735/755S)**
	S000847009	**Manuals controls PCB cpl. (TV 7019PIP)**	**Bedienteil cpl. (TV 7109PIP)**
	S062000409	LED diode red/green	LED rot/grün
	S068055309	Mains switch	Netzschalter
	S068056309	Pusch EKPT 1105 S	Schalter EKPT 1105S
	S068149109	IR receiver TFMS 5360	IR-Empfäanger TFMS 5360
	S071015309	Earphone jack	Kopfhörerbuchse
	S078949519	Manuals controls holder (TV 735/755S)	Halter Bedienteil (TV 735/755S)
	S078944109	Manuals controls holder (TV 7109PIP)	Halter Bedienteil (TV 7109PIP)
	S079049409	Door (TV 735/755S)	Door (TV 735/755S)
	S079044009	Door (TV 7109PIP)	Door (TV 7109PIP)
	S083305009	Mains switch button (TV 735/755S)	Knopf Netzschalter (TV 735/755S)
	S083305509	Mains switch button (TV 7109PIP)	Knopf Netzschalter (TV 7109PIP)
	S091041609	Mains switch spring	Feder Netzschalter
	S007865439	Cabinet front (TV 735)	Gehäusefront (TV 735)
	S007865469	Cabinet front (TV 755S)	Gehäusefront (TV 755S)
	S007865509	Cabinet front (TV 7109PIP)	Gehäusefront (TV 7109PIP)
	S078154309	Cabinet (TV 735/755S)	Mittelgehäuse (TV 735/755S)
	S078155009	Cabinet (TV 7109PIP)	Mittelgehäuse (TV 7109PIP)
	S080154209	Back cover	Rückwand
	S060328019	CRT 28" A66EAK71X01	Bildröhre 28" A66EAK71X01
		(TV 7109PIP/735)	(TV 7109PIP/735)
	S060328309	CRT 28" A66EAK252X11(TV 755S)	Bildröhre 28" A66EAK252X11(TV 755S)
	S067202119	Degauss coil	Entmagnetisierungsspule
	S068270109	Transmitter 7000 ORION	Fernbedienung 7000
	S073173409	Speaker 8 Ohm	Lautsprecher 8 Ohm
	S087170009	Chassis holder side	Halter Chassis (Seite)
	S087170509	Chassis holder front	Halter Chassis (Front)
	S087171009	Chassis rear connector cover	Buchsenplatte

Spare parts list
Ersatzteilliste

TV 8607 PIP / TV 9207
Chassis Professional 7000

Ref./Pos.	Part No. Et-Nr.	Description	Bezeichnung
	S000847039	**Manuals controls PCB cpl. (TV 8607)**	**Bedienteil kpl. (TV 8607)**
	S000847109	**Manuals controls PCB cpl. (TV 9207)**	**Bedienteil kpl. (TV 9207)**
	S000834309	**IR receiver PCB cpl.**	**IR-Empfänger kpl.**
	S062000409	LED diode red/green	LED rot/grün
	S068055309	Mains switch	Netzschalter
	S068056309	Pusch EKPT 1105 S	Schalter EKPT 1105S
	S068149109	IR receiver TFMS 5360	IR-Empfänger TFMS 5360
	S071015309	Earphone jack	Kopfhörerbuchse
	S071020109	RCA jack white (TV 9207)	RCA-Buchse weiß (TV 9207)
	S071020119	RCA jack red (TV 9207)	RCA-Buchse rot (TV 9207)
	S071020129	RCA jack yellow (TV 9207)	RCA-Buchse gelb (TV 9207)
	S078941709	Manuals controls holder (TV 8607)	Halter Bedienteil (TV 8607)
	S078949429	Manuals controls holder (TV 9207)	Halter Bedienteil (TV 9207)
	S079041509	Door (TV 8607)	Door (TV 8607)
	S079049409	Door (TV 9207)	Door (TV 9207)
	S083304209	Mains switch button (TV 8607)	Knopf Netzschalter (TV 8607)
	S083305009	Mains switch button (TV 9207)	Knopf Netzschalter (TV 9207)
	S091041709	Mains switch spring	Feder Netzschalter
	S007867109	Cabinet front (TV 8607)	Gehäusefront (TV 8607)
	S007817519	Cabinet front (TV 9207)	Gehäusefront (TV 9207)
	S078171009	Cabinet (TV 8607)	Mittelgehäuse (TV8607)
	S078171109	Subwoofer cover (TV 8607)	Subwoofergehäuse (TV 8607)
	S080141909	Back cover (TV 8607)	Rückwand (TV 8607)
	S078175909	Back cover (TV 9207)	Rückwand (TV 9207)
	S079471009	Front glass (TV 8607)	Frontscheibe (TV 8607)
	S060334109	CRT 34" A79ECU33X01 (TV 8607)	Bildröhre 34" A79ECU33X01 (TV 8607)
	S060336009	CRT 36" A86ECT13X01 (TV 9207)	Bildröhre 36" A86ECT13X01 (TV 9207)
	S067203319	Degauss coil (TV 8607)	Entmagnetisierungsspule (TV 8607)
	S067203609	Degauss coil (TV 9207)	Entmagnetisierungsspule (TV 9207)
	S068270109	Transmitter 7000	Fernbedienung 7000
	S073172209	Speaker 8 Ohm (TV 8607)	Lautsprecher 8 Ohm (TV 8607)
	S073170809	Speaker 8 Ohm (TV 9207)	Lautsprecher 8 Ohm (TV 9207)
	S073170659	Tweeter (TV 9207)	Hochtöner (TV 9207)
	S087170009	Chassis holder side (TV 8607)	Halter Chassis Seite (TV 8607)
	S087170509	Chassis holder front (TV 8607)	Halter Chassis Front (TV 8607)
	S087124809	Chassis holder (TV 9207)	Halter Chassis (TV 9207)
	S087171009	Chassis rear connector cover	Buchsenplatte

Spare parts list
Lista parti di ricambio

287CE TV 750 / 287GE TV775

Chassis Professional 7000

Ref./Pos.	Part No. Codice	Description	Descrizione
	S000847239	**Manuals controls PCB cpl. (TV 750)**	**Bedienteil kpl. (TV 750)**
	S000847259	**Manuals controls PCB cpl. (TV 775)**	**Bedienteil kpl. (TV 775)**
	S062000409	LED diode red/green	LED rot/grün
	S068055309	Mains switch	Netzschalter
	S068056309	Pusch EKPT 1105 S	Schalter EKPT 1105S
	S068149109	IR receiver TFMS 5360	IR-Empfänger TFMS 5360
	S071015309	Earphone jack	Kopfhörerbuchse
	S071020109	RCA jack white	RCA-Buchse weiß
	S071020119	RCA jack red	RCA-Buchse rot
	S071020129	RCA jack yellow	RCA-Buchse gelb
	S078944209	Manuals controls holder (TV 750)	Halter Bedienteil (TV 750)
	S078949429	Manuals controls holder (TV 775)	Halter Bedienteil (TV 775)
	S000847639	Door (TV 750)	Door (TV 750)
	S000847669	Door (TV 775)	Door (TV 775)
	S083305509	Mains switch button (TV 750)	Knopf Netzschalter (TV 750)
	S083305009	Mains switch button (TV 775)	Knopf Netzschalter (TV 775)
	S091041609	Mains switch spring	Feder Netzschalter
	S007865819	Cabinet front (TV 750)	Gehäusefront (TV 750)
	S007865469	Cabinet front (TV 775)	Gehäusefront (TV 775)
	S007815509	Cabinet (TV 750)	Mittelgehäuse (TV 750)
	S007815439	Cabinet (TV 775)	Mittelgehäuse (TV 775)
	S080154209	Back cover	Rückwand
	S060328019	CRT 28" A66EAK71X01	Bildröhre 28" A66EAK71X01
	S067202119	Degauss coil	Entmagnetisierungsspule
	S068270309	Transmitter 7000	Fernbedienung 7000
	S073173409	Speaker 8 Ohm (TV 750)	Lautsprecher 8 Ohm (TV 750)
	S073173709	Speaker 8 Ohm (TV 775)	Lautsprecher 8 Ohm (TV 775)
	S073173109	Woofer speaker 8 Ohm	Lautsprecher (Woofer) 8 Ohm
	S000887009	Subwoofer box cpl.	Subwooferbox kpl.
	S000887019	Rear box cpl.	Surroundbox kpl.
	S087170009	Chassis holder side	Halter Chassis Seite
	S087170509	Chassis holder front	Halter Chassis Front
	S087171009	Chassis rear connector cover	Buchsenplatte

Service procedure - Chassis Professional 7000

When replacing the picture tube and NVM memory (ICR1), certain adjustments may be necessary. The procedure is as follows:

1. Select service mode by switching on (main power switch) while at the same time pressing and holding the MENU key at the receiver until the red LED lights up.

2. Press the standby button at the remote control: the receiver will come into operation either on programme 1, or in position AV1 if the voltage at pin 8 of the SCART 1 connector is +12V. Accordingly, it is important to establish that the test signal needed for adjustment purposes is available either on prog 1 or at the SCART 1 input, since no further source selection can be made in service mode.

3. The accessible functions are listed below: the increase and decrease buttons [↑] and [↓] on the remote control are used to select the function, and the adjustment can then be made with the remote control volume buttons [+] and [-].
it is good policy to make a note of the initial value before making any alteration, so that former settings can be reinstated with ease if necessary.

4. Pressing the SAT button of the remote control accesses an option byte (OP) which is used to adapt the software functions to the various types of receiver configuration (4:3 or 16:9 tube, Dolby decoder, etc.).
OP has a hexadecimal value which is altered using the volume buttons [+] and [-] of the remote control. The correct value to enter is indicated alongside the caption OPTION BYTE on a label affixed to the back of every receiver.

5. The vertical geometrie of the picture is adjusted beginning with the VSL function (vertical slope), which must be set a that the horizontal centre line of the test signal is exactly on the border diving the picture area from the black area at bottom. This done, VSL **should not be moved again.**

6. SA and LA are used to adjust the separation between left and right hand audio channels, and the sound level, respectively. A stereo RF generator is therefore required. Remove modulation from the left hand channel and adjust LA to give 1.4 Vpp at pin 1 of the SCART 1 connector. Next, adjust SA to obtain a minimum residual signal at pin 3 of SCART 1. If there is no stereo generator available, a reasonable approximation will be LA=01 and SA=07.

7. Having finished the necessary adjustments, press the TV button of the remote control to save all the new settings and restore normal operation of the receiver.

SA	Audio stereo adjustment	**VAM**	Vertical amplitude
LA	Audio level adjustment	**VSH**	Vertical shift
HSH	Horizontal shift	**SC**	Vertical S correction (linearity)
EW	Horizontal amplitude	**WPR**	White balance correction
PW	Parabola correction	**WPG**	White balance correction
CP	Corner parabola correction	**WPB**	White balance correction
TC	Trapeze correction	**DLY**	Luma-chroma delay
VSL	Vertical Slope		